

Title (en)
Expansion vessel

Title (de)
Ausdehnungsgefäß

Title (fr)
Vase d'expansion

Publication
EP 2163826 A3 20160406 (EN)

Application
EP 09169472 A 20090904

Priority
IT MI20080291 U 20080915

Abstract (en)
[origin: EP2163826A2] An expansion vessel for gas wall-mounted boiler, for example a condensing boiler (1), is placed within a boiler structure containing a burner, a mixing organ (6) wherein the gas arrives and connected to a fan (5) which sends such gas and said air to a duct (4) connected to the burner (3), said expansion vessel having a body (12) having a plurality of walls (16, 17, 18, 19, 20, 21) delimiting an inner compartment, a pair (20, 21) of such walls having a larger surface than the remaining walls of the above-mentioned body (12). A wall (20) of such pair of walls (20, 21) has at least a concavity (25; 25A, 25B), said wall (20) receding into the inner compartment towards the other wall (21) of such pair at such concavity (25; 25A, 25B).

IPC 8 full level
F24D 3/10 (2006.01)

CPC (source: EP)
F24D 3/1008 (2013.01)

Citation (search report)

- [X] DE 2814162 A1 19790628 - VIATOUR SA
- [X] DE 2063264 A1 19720629
- [E] EP 2161509 A2 20100310 - BAXI SPA [IT]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2163826 A2 20100317; EP 2163826 A3 20160406; IT MI20080291 U1 20100316

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EP 09169472 A 20090904; IT MI20080291 U 20080915